

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

034299-000708

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.

PCT/FR2005/050116

INTERNATIONAL FILING DATE

February 22, 2005

PRIORITY DATE CLAIMED

February 24, 2004

TITLE OF INVENTION

Spectrometry Diagnostic Electronic Circuit and Associated Counting System

APPLICANT(S) FOR DO/EO/US

JOUVE, Michel; MAZON, Didier

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/FR2005/050116	ATTORNEY'S DOCKET NUMBER 034299-000708
---	--	---

20. Other items or information:
 Requete PCT, PCT/IB/308, PCT/IB/311, WO 2005/085905, PCT/ISA/220

The following fees have been submitted:	Calculations	PTO use only																
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300	\$ 300																	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations \$200	\$ 200																	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations \$500	\$ 400																	
TOTAL OF 21, 22 and 23 =	\$ 900																	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																		
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Total Sheets</th> <th style="width:20%;">Extra Sheets</th> <th style="width:30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width:30%;">RATE</th> </tr> <tr> <td style="text-align: center;">- 100 =</td> <td style="text-align: center;">/50 =</td> <td></td> <td style="text-align: center;">x \$250</td> </tr> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 =	/50 =		x \$250										
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE															
- 100 =	/50 =		x \$250															
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).	\$																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:30%;">NUMBER EXTRA</th> <th style="width:30%;">RATE</th> </tr> <tr> <td>Total claims</td> <td style="text-align: center;">10 - 20 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$50</td> </tr> <tr> <td>Independent claims</td> <td style="text-align: center;">2 - 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$200</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: center;">+ \$360</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	10 - 20 =	0	x \$50	Independent claims	2 - 3 =	0	x \$200	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE															
Total claims	10 - 20 =	0	x \$50															
Independent claims	2 - 3 =	0	x \$200															
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360															
TOTAL OF ABOVE CALCULATIONS =	\$ 900																	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.																		
SUBTOTAL =	\$ 900																	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).	\$																	
TOTAL NATIONAL FEE =	\$ 900																	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property	\$ 40																	
TOTAL FEES ENCLOSED =	\$ 940																	
	Amount to be refunded:	\$																
	Amount to be charged:	\$																

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 50-1698 in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1698. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Robert E. Krebs
Thelen Reid & Priest LLP
P.O. Box 640640
San Jose, CA 95164-0640
T: 408-292-5800
F: 408-287-8040



SIGNATURE

Robert E. Krebs
NAME

25,885
REGISTRATION NUMBER

DOCKETED
SEP 12 2006

Serial/Patent No.: Unassigned

Filing/Issue Date: 8/10/06

Applicant: Michel Jouve et al.

Title: Spectrometry Diagnostic Electronic Circuit and Associated Counting System

TRP Docket No.: 034299-000708

Docket Due Date: 8/24/06

Date Mailed: 8/10/06

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☐ Amendment/Response (____ pgs.)
- ☐ Appeal Brief (____ pgs.) (in triplicate)
- ☒ Application - Utility (20 pgs. with cover & abstract)
- ☐ Application - Rule 1.53(b) Continuation (____ pgs.)
- ☐ Application - Rule 1.53(b) Division (____ pgs.)
- ☐ Application - Rule 1.53(b) CIP (____ pgs.)
- ☐ Application - Rule 1.53(d) CPA (____ pgs.)
- ☐ Application - PCT (____ pgs.)
- ☐ Application - Provisional (____ pgs.)
- ☐ Assignment and Cover Sheet
- ☐ Certificate of Correction
- ☐ Certificate of Mailing
- ☒ Declaration & POA (3 pgs.)
- ☐ Fee Transmittal
- ☐ Drawings (informal):
____ # of sheets includes ____ figures
- ☒ Other:
Credit Card Payment Forms (\$40.00 and \$900.00), Request
PCT, PCT/IB/308, PCT/IB/311, WO 2005/085905,
PCT/ISA/220

- ☐ IDS & PTO 1449 (____ pgs.)
- ☐ ____ Pieces of Prior Art Enclosed
- ☐ Issue Fee Transmittal
- ☒ Submission of Formal Drawings:
6 # of sheets includes 7 figures
- ☐ Notice of Appeal
- ☒ Postcard
- ☒ Preliminary Amendment (2 pgs.)
- ☐ Reply Brief (____ pgs.)
- ☐ Req and Cert. Not to Publish - Rule 1.213
- ☐ Request for Continued Examination (RCE) (____ pgs.)
- ☐ Request for Extension of Time ____ Month(s)
- ☐ Response to Notice to File Missing Parts
- ☐ Copy of PTO Notice to File Missing Parts
- ☒ Transmittal Letter (original & copy)
- ☒ Express Mail No.: EV916337577US
- ☒ Credit Card Payment \$900.00
- ☐ Deposit Acct. No. 50-1698 \$____
- Patent Code: 1011, 1311, 1111
- Client/Matter # 034299 - 708

REK
SW

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/589,112	Michel Jouve	034299-000708

INTERNATIONAL APPLICATION NO.

PCT/FR05/50116

I.A. FILING DATE	PRIORITY DATE
02/22/2005	02/24/2004

Robert E Krebs
Thelen Reid & Priest
P O Box 640640
San Jose, CA 95164-0640

RECEIVED

APR 23 2007

TRBRS L
Patent Doc

CONFIRMATION NO. 5852

371 FORMALITIES LETTER



OC000000023451133

Date Mailed: 04/19/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/10/2006
- Copy of the International Search Report filed on 08/10/2006
- Copy of IPE Report filed on 08/10/2006
- Preliminary Amendments filed on 08/10/2006
- Information Disclosure Statements filed on 08/10/2006
- Request for Immediate Examination filed on 08/10/2006
- U.S. Basic National Fees filed on 08/10/2006
- Assignment filed on 08/10/2006
- Priority Documents filed on 08/10/2006
- Specification filed on 08/10/2006
- Claims filed on 08/10/2006
- Abstracts filed on 08/10/2006
- Drawings filed on 08/10/2006

ACTION DATE:

MISSING Parts Due

DUE/AMEND DATE:

6/19/07

DEADLINE DATE:

11/19/07

DOCKET:

TN

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions

of 37.CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/589,112	PCT/FR05/50116	034299-000708

FORM PCT/DO/EO/905 (371 Formalities Notice)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

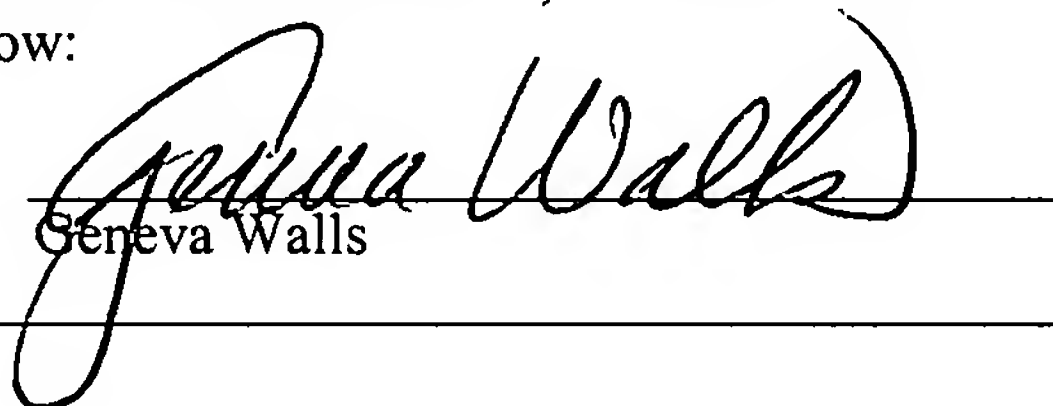
APPLICANT: Michel Jouve et al. CONFIRMATION: 5852
SERIAL NO.: 10/589,112
FILING DATE: August 10, 2006
TITLE: Spectrometry Diagnostic Electronic Circuit And Associated Counting System
EXAMINER: Not Yet Assigned
ART UNIT: Not Yet Assigned

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to mail stop: PCT Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on the date printed below:

Date: 5-1-07

Name: Geneva Walls


Geneva Walls

**Mail Stop: PCT
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450**

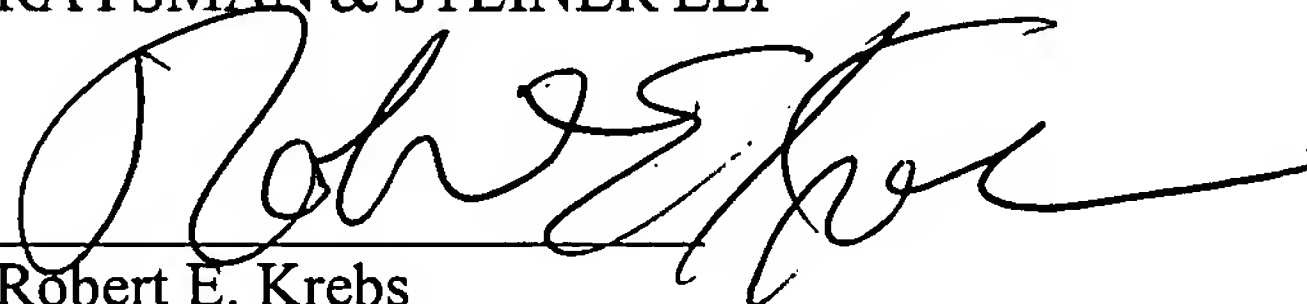
RESPONSE TO THE NOTIFICATION OF MISSING REQUIREMENTS

It is respectfully submitted that the Notification of Missing Requirements Under 35 U.S.C. 371 in the U.S. Designated/Elected Office (DO/EO/US) for the above-identified patent application is in error.

The Oath or declaration of the inventors was included in the Filing of August 10, 2006. Enclosed is a copy of the Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission under 35 U.S.C. 371 indicating submission of an Oath or Declaration of the inventor(s) (35 U.S.C. 371 (c)(4); and a copy of the Declaration Power of Attorney and Petition as filed August 10, 2006. In addition, a copy of the returned postcard indicating submission of the Declaration and POA for the above referenced patent application.

It is believed that no fee is required for filing the above-noted document. In the event any fee is required for filing of this Request for Correction, the Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1698.

Respectfully submitted,
THELEN REID BROWN
RAYSMAN & STEINER LLP

A handwritten signature in black ink, appearing to read 'Robert E. Krebs', written over a horizontal line.

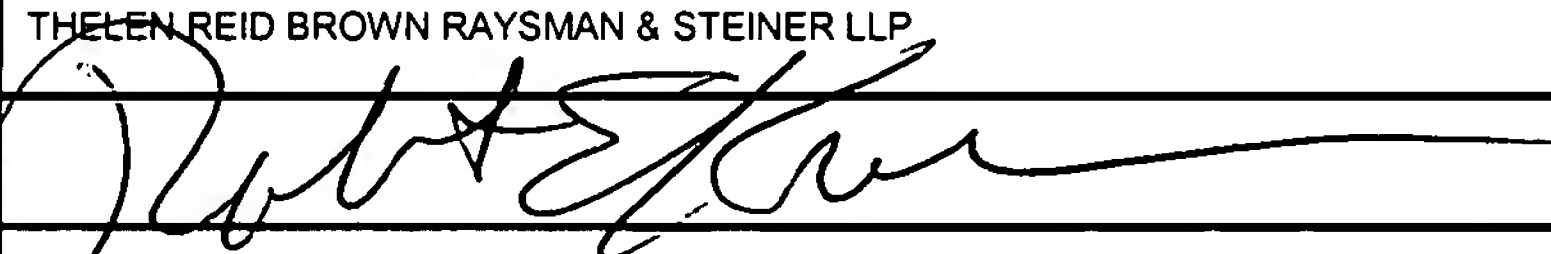
Robert E. Krebs
Reg. No. 25,885

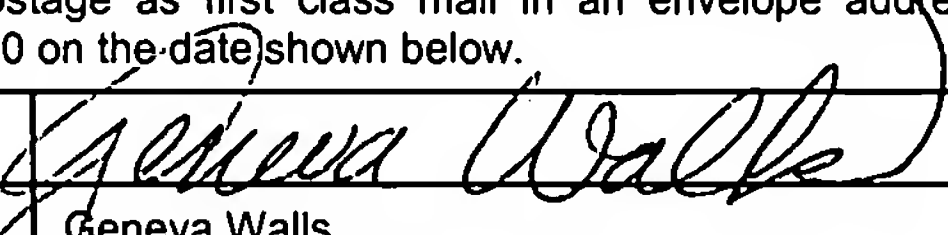
Dated: May 01, 2007

THELEN REID BROWN
RAYSMAN & STEINER LLP
P.O. Box 640640
San Jose, CA 95164-0640
Tel.: (408) 292-5800
Fax: (408) 287-8040

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/589,112	
	Filing Date	August 10, 2006	
	First Named Inventor	Michel Jouve	
	Art Unit	Not Yet Assigned	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	10	Attorney Docket Number	034299-708

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Notification of Missing Requirements Under 35 U.S.C. 371 in the US Designated/ Elected Office (DO/EO/US) <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copies of: Notification; Decl & POA; Transmittal Ltr to the US Designated/ Elected Office; Returned Postcard; . Postcard.
<div style="border: 1px solid black; padding: 2px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	THELEN REID BROWN RAYSMAN & STEINER LLP		
Signature			
Printed Name	Robert E. Krebs		
Date	5-01-07	Reg. No.	25,885

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Signature		
Typed or printed name	Geneva Walls	Date
		5-1-07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.